US Steel-Gary Works
Gary, Indiana
Permit Reviewer: Gail McGarrity

T089-7663-00121

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: U.S. Steel – Gary Works
Source Address: One North Broadway, Gary, Indiana 46402
Mailing Address: One North Broadway, Gary, Indiana 46402
Part 70 Permit No.: T089-7663-00121

Months: October 1 **to** December 31 **Year:** 2007

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☒ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Permit Requirement (specify permit condition #) C.1(a), D.7.16

Date of Deviation: 10/03/07	**Duration of Deviation:** 6 minutes

Number of Deviations: 1

Probable Cause of Deviation: Clay fell out of the back of the mud gun and entered the iron trough.

Response Steps Taken: Revised procedures on properly loading and cleaning the mud gun.

Permit Requirement (specify permit condition #) C.1(a), D.7.16

Date of Deviation: 10/23/07	**Duration of Deviation:** 6 minutes

Number of Deviations: 1

Probable Cause of Deviation: Sleeve was not installed over the mud gun nozzle allowing clay to leak into the trough.

Response Steps Taken: Review of proper operating procedure with Keepers and Helpers.

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Permit Requirement (specify permit condition #) C.1(a), D.7.16	
Date of Deviation: 11/14/07	**Duration of Deviation:** 6 minutes
Number of Deviations: 2	
Probable Cause of Deviation: Tilter spout and bowl areas openings.	
Response Steps Taken: Instructed employees to utilize blankets of k-wool over spout and bowl area openings.	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: Gary Levanduski

Title/Position: Division Manager, Iron Producing

Date: January 21, 2008

Phone: 219.888.4688

Attached a signed certification to complete this report

US Steel-Gary Works
Gary, Indiana
Permit Reviewer: Gail McGarrity

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Permit Requirement (specify permit condition #):	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: Casey C. Carrabine

Title/Position: Division Manager, Steel Producing North

Date: January 21, 2008

Phone: 219.888.4803

Attach a signed certification to complete this report.

US Steel-Gary Works
Gary, Indiana
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Permit Requirement (specify permit condition #) D.8.4(b), D.8.15

Date of Deviation: 10/15/07	**Duration of Deviation:** 3 Minutes

Number of Deviations: 1

Probable Cause of Deviation: Possibility of wind within shop carried particulate to roof monitor.

Response Steps Taken: Checked gas cleaner draft of furnaces through visual observation.

Form Completed By: Robert H. Lange

Title/Position: Division Manager, Steel Producing South

Date: January 21, 2008

Phone: 219.888.7435

Attach a signed certification to complete this report.

US Steel-Gary Works
Gary, Indiana
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Permit Requirement (specify permit condition #) D.2.4(a), D.2.5(e)

Date of Deviation: 10/19/2007	**Duration of Deviation:** Not applicable
Number of Deviations: 1	
Probable Cause of Deviation: 15 door leaks out of 136 observed.	
Response Steps Taken: Sealed leaks on the leaking doors.	

Permit Requirement (specify permit condition #) D.2.4(c)(2)

Date of Deviation: 11/18/2007	**Duration of Deviation:** Not applicable
Number of Deviations: 1	
Probable Cause of Deviation: Possible green heat.	
Response Steps Taken: Discussed minimizing green heats procedure.	

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Permit Requirement (specify permit condition #) C.1 (b) and D.2.5 (i)	
Date of Deviation: 12/18/2007	**Duration of Deviation:** 15 minutes
Number of Deviations: 1	
Probable Cause of Deviation: Holes in oven No. 60 wall and decarbonizing pipe behind oven No. 24.	
Response Steps Taken: Turned off gas to Oven No. 60 walls and sealed hole in decarbonizing pipe.	
Permit Requirement (specify permit condition #) C.1 (a) and D.2.5(i) (See Attachment 1)	
Date of Deviation:	**Duration of Deviation:** Not applicable
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: Lawrence W. Sutherland

Title/Position: Division Manager, Coke Operations

Date: January 21, 2008

Phone: 219.888.4028

Attach a signed certification to complete this report.

Attachment 1

U.S. Steel - Gary Works
Part 70 Permit No.: T089-7663-00121

Permit Requirement: C.1(a) and D.2.5(i)

Battery No. 2

Dates of Deviation:	10/01/2007 - 12/31/07
Duration of Deviation:	6 minutes/deviation
No. of Deviations:	397
Probable Cause of Deviation:	Condition of oven walls
Response Steps Taken:	Lower mushroom in air box to to reduce particulates to stack.

Battery No. 5

Dates of Deviation:	10/01/2007 - 12/31/07
Duration of Deviation:	6 minutes/deviation
No. of Deviations:	1554
Probable Cause of Deviation:	Condition of oven walls
Response Steps Taken:	Lower mushroom in air box to to reduce particulates to stack.

Battery No. 7

Dates of Deviation:	10/01/2007 - 12/31/07
Duration of Deviation:	6 minutes/deviation
No. of Deviations:	1099
Probable Cause of Deviation:	Condition of oven walls
Response Steps Taken:	Lower mushroom in air box to to reduce particulates to stack.